CHAPTER 3
SPECIAL INSPECTIONS CLASSIFICATIONS

SIFC-301 GENERAL

Special inspections of building elements and components may be required by:

- The VUSBC-1704.1 and the IBC Chapter 17; or
- The Code of Virginia § 54.1-402; or
- The building's structural frame design or foundation design by the **SER** and/or **GER**; or
- The soil classification under the building's foundations by the **GER**; or
- The building's seismic design category, wind exposure category or classification as an "essential facility"; or
- The alteration of an existing building's structural frame, foundations, or other items listed above; or
- The Owner.

SIFC-301.1 Required by VUSBC and IBC. The VUSBC requires special inspections for certain building elements and components. A statement of special inspections is required as part of the construction documents. (Note: any buildings not subject to special inspections pursuant to this SIFC-2000, such as single-family homes built on problem soils, may have alternative inspection requirements by DPWES.)

> **VUSBC-1704.1 General.** Where application is made for construction as described in this section, the **Owner** or the **RDP** in responsible charge acting as the owner's agent shall employ one or more special inspectors to provide inspections during construction on the types of work listed under Section 1704. The special inspector shall be a qualified person who shall demonstrate competence, to the satisfaction of the building official, for inspection of the particular type of construction or operation requiring special inspection. These inspections are in addition to the inspections specified in Section 115.4.
>
> **Exceptions:**
>
> 1. Special inspections are not required for work of a minor nature or as warranted by conditions in the jurisdiction as approved by the building official.
>
> 2. Special inspections are not required for building components unless the design involves the practice of professional engineering or architecture as defined by the laws of this Commonwealth and regulations governing the professional registration and certification of engineers or architects.
>
> 3. Unless otherwise required by the building official, special inspections are not required for occupancies in Groups R-3, R-4 or R-5 and occupancies in Group U that are accessory to a residential occupancy including, but not limited to, those listed in Section 312.1.
>
> **VUSBC-1704.1.1 Building permit requirement.** The permit applicant shall submit a statement of special inspections prepared by the registered design professional in

> responsible charge in accordance with Section 111.5. This statement shall include a complete list of materials and work requiring special inspections by this section, the inspections to be performed and a list of the individuals, approved agencies or firms intended to be retained for conducting such inspections.

SIFC-301.2 Required by Code of Virginia. See SIFC-303 for the Code of Virginia § 54.1-402 requirements for **RDP**s to sign and seal design drawings for buildings, depending upon Group (type of use and occupant load), building height and area (stories and size), and size of electrical, plumbing and mechanical services. Special inspections are required for elements and components of such buildings.

SIFC-301.3 Seismic and wind.

SIFC-301.3.1 Seismic resistance. "Essential facilities" buildings require special inspections for elements and components. In Fairfax County, buildings are Seismic Design Category B or C (see IBC-1616.3 *Determination of seismic design category*, and IBC-1604.5 *Importance factors*). Such "Essential facilities" buildings of Seismic Design Category C, D, E or F require a quality assurance plan and special inspections for elements and components (see IBC-1705, IBC-1707 and IBC-1708).

SIFC-301.3.2 Wind. The basic wind speed in Fairfax County is less than 110 mph, and therefore special inspections are not required for wind resistance (IBC-1706.1).

SIFC-301.4 Building and foundation elements. The requirements of this SIFC-2000 shall apply to building elements and components, foundation elements or element fabrication procedures that are subject to special inspections as required by the VUSBC and IBC or as specified by the **SER** and/or **GER** designs. Such elements or procedures, including elements of "unique design", are identified in SIFC-302.

SIFC-301.5 Existing buildings and structures. Modifications to the primary structural system of existing buildings or structures, whose elements fall within the special inspections classification criteria, shall be subject to special inspections.

SIFC-301.6 Elective by Owner. Owners of buildings may elect to follow the Special Inspections Program on projects that otherwise do not fall under the above criteria. In such cases, the **Owner** shall notify the **BPRD** of this intent prior to issuance of the building permit. **Owners** electing to follow the Special Inspections Program shall follow all applicable requirements of this SIFC-2000.

SIFC-302 SPECIAL INSPECTIONS REQUIRED

The following shall be subject to special inspections:

SIFC-302.1 Fabricators.

For fabricated items requiring special inspection, the **SIER** shall conduct special inspection of the fabricator's shop facilities.

> **IBC-1704.2 Inspection of fabricators.** Where fabrication of structural load-bearing members and assemblies is being performed on the premises of a fabricator's shop, special inspection of the fabricated items shall be required by this section and as required elsewhere in this code.

IBC-1704.2.1 Fabrication and implementation procedures. The special inspector shall verify that the fabricator maintains detailed fabrication and quality control procedures that provide a basis for inspection control of the workmanship and the fabricator's ability to conform to approved construction documents and referenced standards. The special inspector shall review the procedures for completeness and adequacy relative to the code requirements for the fabricator's scope of work.

Exception: Special inspections as required by Section 1704.2 shall not be required where the fabricator is approved in accordance with Section 1704.2.2.

IBC-1704.2.2 Fabricator approval. Special inspections required by this code are not required where the work is done on the premises of a fabricator registered and approved to perform such work without special inspection. Approval shall be based upon review of the fabricator's written procedural and quality control manuals and periodic auditing of fabrication practices by an approved special inspection agency. At completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building official stating that the work was performed in accordance with the approved construction documents.

SIFC-302.2 Structural steel (See SIFC-2000 Chapter 6).

a. Steel fabricators. Special inspections of the fabrication process are required, for all steel fabricated assemblies that are themselves subject to special inspections, except as exempted in IBC-1704.3.

IBC-1704.3 Exceptions:

1. Special inspection of the steel fabrication process shall not be required where the fabricator does not perform any welding, thermal cutting or heating operation of any kind as part of the fabrication process. In such cases, the fabricator shall be required to submit a detailed procedure for material control that demonstrates the fabricator's ability to maintain suitable records and procedures such that, at any time during the fabrication process, the material specification, grade and mill test reports for the main stress-carrying elements are capable of being determined.

2. The special inspector need not be continuously present during welding of the following items, provided the materials, welding procedures and qualifications of welders are verified prior to the start of the work; periodic inspections are made of the work in progress; and a visual inspection of all welds is made prior to completion or prior to shipment of shop welding.
   2.1. Single pass fillet welds not exceeding $^{5}/_{16}$ inch (7.9 mm) in size.
   2.2. Floor and roof deck welding.
   2.3. Welded studs when used for structural diaphragm.
   2.4. Welded sheet steel for cold-formed steel framing members such as studs and joists.
   2.5. Welding of stairs and railing systems.

b. Buildings of any height. The following steel elements of buildings, regardless of height:

- Rigid or semi-rigid connections, field welded or bolted.
- Bolted connections with a requirement for a minimum pretension beyond snug tight to be achieved.
- Steel beam or column elements with clear spans greater than 50 feet in length or height.

- Steel trusses, open-webbed joist girders or steel joists (other than those manufactured to SJI specifications).
- Plate girders of any span.
- Space frames with clear spans greater than 35 feet.
- Steel floor and/or roof decks designed to act as diaphragms to distribute lateral forces to wind resisting frames.
- Cable supported structures, except tents.
- Bolted or welded lateral bracing elements.
- Seismic-force-resisting-systems (Seismic Design Category C, D, E, or F).

c. Buildings more than three stories in height. In addition to the steel elements of SIFC-302.1.b, the following steel elements of buildings greater than three (3) stories in height:

- Open-webbed joist girders and steel joists (including those manufactured to SJI specifications).
- Steel stairs and ladders connecting more than three stories.
- Steel floor and/or roof decks.
- Field-welded shear studs.

d. Seismic-force-resisting systems. (Seismic Design Category C, D, E or F):

- Welding of structural elements as required by IBC-1707.2 and IBC-1708.4.
- Cold-formed steel framing as required by IBC-1707.4.

SIFC-302.3 Cast-in-place concrete (See SIFC-2000 Chapter 7).

a. Components. All structural elements of cast-in-place concrete, including reinforced, prestressed, or post-tensioned concrete elements, and concrete topping on stay-in-place steel decking, both composite and non-composite, except as exempted by IBC-1704.4 Exception. To qualify for the exception, the construction shall be on undisturbed, stable, non-problem soil or rock, or as specified by the **SER** or **GER**, as appropriate. See also SIFC-302.6 and SIFC-302.7 for foundations and walls.

> **IBC-1704.4 Exception:** Special inspections shall not be required for:
> 1. Isolated spread concrete footings of buildings three stories or less in height that are fully supported on earth or rock.
> 2. Continuous concrete footings supporting walls of buildings three stories or less in height that are fully supported on earth or rock where:
> 2.1. The footings support walls of light frame construction;
> 2.2. The footings are designed in accordance with Table 1805.4.2; or
> 2.3. The structural design is based on a f'_c no greater than 2,500 pounds per square inch (17.2 MPa).
> 3. Nonstructural concrete slabs supported directly on the ground, including prestressed slabs on grade, where the effective prestress in the concrete is less than 150 pounds per square inch (1.03 MPa).
> 4. Concrete foundation walls constructed in accordance with Table 1805.5(1), 1805.5(2), 1805.5(3) or 1805.5(4).
> 5. Concrete patios, driveways and sidewalks, on grade.

b. Seismic-force-resisting systems. (Seismic Design Category C, D, E, or F): Testing of reinforcing steel and prestressing steel as required by IBC-1708.3.

SIFC-302.4 Precast concrete (See SIFC-2000 Chapter 8).

a. Precast concrete fabricators. Special inspections of the fabrication process are required, for all precast concrete elements that are themselves subject to special inspections.

b. Off-site precast components. All architectural and/or structural precast concrete building elements manufactured off-site, usually at a precast concrete plant, with the exception of miscellaneous cast stone items such as sills, coping, pavers, etc., or as otherwise approved.

c. Site-cast precast components. All site-cast, precast concrete elements, including tilt-up concrete wall panels.

d. Seismic-force-resisting systems. (Seismic Design Category C, D, E, or F): Welding of connections as required by IBC-1707.2.

SIFC-302.5 Masonry (See SIFC-2000 Chapter 10).

a. Elements. Masonry elements, depending on the masonry design, classification of the building or type of occupancy (see IBC-Table 1604.5 and IBC-Table 1617.6).

> **IBC-1704.5 Exception:** Special inspections shall not be required for:
> 1. Empirically designed masonry, glass unit masonry, or masonry veneer designed by Section 2109, 2110, or ACI 530/ASCE 5/TMS 402 Chapters 5, 6 or 7 when they are part of nonessential buildings (see Tables 1604.5 and 1617.6).
> 2. Masonry foundation walls constructed in accordance with Table 1805.5(1), 1805.5(2), 1805.5(3) or 1805.5(4).

b. Seismic-force-resisting systems. (Seismic Design Category C, D, E, or F) as required by IBC-1708.1.

SIFC-302.6 Wood (See SIFC-2000 Chapter 9).

a. Wood fabricators. Special inspections of the fabrication process are required.

b. Seismic-force-resisting systems. (Seismic Design Category C, D, E or F): as required by IBC-1707.3.

SIFC-302.7 Soils and foundations (See SIFC-2000 Chapter 11).

a. Shallow footings and foundations. Soils and building foundation elements when either of the following conditions exist:

- Problem Soils. The building footprint is located in a problem soils area, as defined by the Fairfax County Public Facilities Manual and/or as indicated by the County-approved geotechnical report; or
- Structural Fill. The bearing material under the building footprint consists of compacted structural fill.

> **IBC-1704.7 Exception:** Special inspections not required during placement of fill less than 12 inches (305 mm) deep.

b. Deep foundations. Building foundation elements for the following systems:

- Pile foundations of all buildings.
- Pier foundations of all buildings, assigned to Seismic Design Category C, D, E or F. The Statement of Special Inspections shall specifically include the special inspections

required for the seismic-resisting elements.

c. Bearing material. Bearing material when the building's foundations are designed for a required bearing capacity of greater than 3,000 pounds per square foot.

SIFC-302.8 Earth retention systems (See SIFC-2000 Chapter 12).

All earth retention systems retaining 10 feet or more of unbalanced fill, and/or trenching operations deeper than 8 feet, whether permanent or temporary, including, but not limited to:

- Building foundation walls.
- Retaining walls.
- Soldier piles and lagging.
- Soil nailing systems.
- Sheet piling.
- Braced or shored walls.
- Tied-back walls.
- Slurry walls.

SIFC-302.9 Exterior Insulation and Finish Systems (EIFS) (See SIFC-2000 Chapter 14).

All EIFS applications, except those installed over a water-resistive barrier with a means of draining moisture to the exterior, or those installed over masonry or concrete walls. (Note: any EIFS elements not subject to special inspections pursuant to this SIFC-2000 are instead subject to alternative product approval and certification requirements by DPWES.)

SIFC-302.10 Sprayed fire-resistant materials. (See SIFC-2000 Chapter 15.)

All sprayed fire-resistant materials applications.

SIFC-302.11 Smoke control. (See SIFC-2000 Chapter 16.)

All smoke control systems.

SIFC-302.12 Mechanical, electrical and plumbing components. (See SIFC-2000 Chapter 17.)

(Seismic Design Category C, D, E or F): as required by IBC-1707.7 (see IBC-1621).

SIFC-302.13 Special cases.

Components of “unique” design or construction characteristics, or unusual materials, or with special installation requirements, may be subject to special inspections (see IBC-1704.13 and Code of Virginia § 54.1-402). **BPRD** and **FCCSS** will review such items on a case by case basis.

SIFC-303 CODE OF VIRGINIA § 54.1-402 ARCHITECTS AND PROFESSIONAL ENGINEERS RELATED LAWS

The Code of Virginia requires that buildings which meet the specific criteria in § 54.1-402 are to be designed by RDPs, with signed and sealed drawings, as listed in the following charts. Special inspections are then required for building elements and components of those buildings, as listed in SIFC- 302.

§ 54.1-402 CHART A - GENERAL DESIGN

A proposed structure which is classified within any of the categories marked "Yes" requires an Architect/Engineer (A/E) seal on the plans.

Group	Description	Area			Stories	
		5,000 ft^2 (465 m^2) and under	5,001 ft^2 - 15,000 ft^2 (466 m^2-1,390 m^2)	Over 15,000 ft^2 (1,390 m^2)	3 or less	Over 3
A*	Assembly	Yes	Yes	Yes	Yes	Yes
B	Business	—	Yes	Yes		Yes
E	Educational (schools & day care centers)	Yes	Yes	Yes	Yes	Yes
F	Factory & Industry	—	—	Yes	—	Yes
H	High Hazard	Yes	Yes	Yes	Yes	Yes
I	Institutional	Yes	Yes	Yes	Yes	Yes
M	Mercantile	—	Yes	Yes	—	Yes
R-1	Hotel, Motel, Dormitory	Yes	Yes	Yes	Yes	Yes
R-2	Multi-Family Residential	—	—	—	—	Yes
R-3	1& 2 Family Attached	—	—	—	—	Yes
R-4, R-5	1& 2 Family Detached	—	—	—	—	Yes
S	Storage (Farm)	—	—	—	—	—
	Storage (Non-Farm)	—	—	Yes	—	Yes
U	Utility & Miscellaneous	—	—	—	—	—

* Assembly (churches, A-4) are exempt if building does not exceed 5,000 ft^2 (465 m^2) or three stories, and the occupant load does not exceed 100.

Notes:

a. A local building official may require an A/E seal even if not required to do so by this chart.
b. The law requires that, where an A/E seal is not present, the plans must be signed by the individual (not company) responsible for the design, including his/her occupation and address.
c. The above chart applies to new construction and to additions or remodeling which involve a change in occupancy (i.e., group), occupancy load (i.e., increase in allowable occupancy), modification of the structural system, change in access or exit, or increase in fire hazard. Additions or remodeling which do not involve any of these factors may not require an A/E seal under § 54.1 of the Code of Virginia, although Notes a and b still apply.
d. Any unique design of structural elements of floors, walls, roofs, or foundations requires an A/E seal, regardless of whether or not the remainder of the plans require such certification.
e. Buildings, structures, or electrical and mechanical installations which are not otherwise exempted but which are of standard design, provided they bear the certification of a professional engineer or architect registered or licensed in another state, and provided that the design is adapted for the specific location and conformity with local codes, ordinances and regulations, and is so certified by a professional engineer or architect licensed in Virginia may not require an A/E seal.

§ 54.1-402 CHART B - ELECTRICAL DESIGN

A proposed electrical system which is classified within any of the categories marked "Yes" requires an A/E seal on the plans. Those not marked “Yes” may not require an A/E seal only if designed by a licensed master electrician or Class A electrical contractor (see Notes b and d).

		Buildings in Which Located				Electrical Systems			
		Stories		Occupant Load		Voltage		Amperage	
Group	Description	3 or less	Over 3	100 or less	Over 100	600 or less	Over 600	800 or less	Over 800
A-1	Theaters	—	Yes	—	Yes	—	Yes	—	Yes
A-2	Restaurants, etc.	—	Yes	—	—	—	Yes	—	Yes
A-3	Dance Halls	—	Yes	—	—	—	Yes	—	Yes
A-3	Churches ONLY	—	Yes	—	—	Yes	Yes	—	Yes
A-4	Indoor Arenas, etc.	—	Yes	—	—	—	Yes	—	Yes
A-5	Grandstands, etc.	—	Yes	—	—	—	Yes	—	Yes
B	Business	—	Yes	—	—	—	Yes	—	Yes
E	School & Day Care Centers	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
F	Factory & Industry	—	Yes	—	—	—	Yes	—	—
H	High Hazard	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
I	Institutional, general	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
I	Day Nurseries & Clinics without life support systems	—	Yes	—	—	—	Yes	—	Yes
M	Mercantile	—	Yes	—	—	—	Yes	—	Yes
R	Residential	—	Yes	—	—	—	Yes	—	Yes
S	Storage (Farm)	—	—	—	—	—	—	—	—
	Storage (Non-Farm)	—	Yes	—	—	—	Yes	—	Yes
U	Utility & Miscellaneous	—	Yes	—	—	—	Yes	—	Yes

Notes:

a. A local building official may require an A/E seal for electrical work even if not required to do so by this chart.
b. The law requires that, where an A/E seal is not present, the plans must be signed by the individual (not company) responsible for the design, including his/her occupation and address.
c. The above chart applies both to new construction and to additions or remodeling.
d. The exemption for electrical contractors and electricians is applicable only when both design and installation are under his/her direction or control.

§ 54.1-402 CHART C - PLUMBING & MECHANICAL DESIGN

A proposed plumbing or mechanical system which is classified within any of the categories marked "Yes" requires an A/E seal on the plans. Those not marked "Yes" may not require an A/E seal only if designed by a person licensed as a master plumber, master mechanical worker, or Class A contractor in those specialties by written examination (see Notes c and e).

Group	Description	Buildings in Which Located				Plumbing & Mechanical Systems (see Note a)	
		Stories		Occupant Load		Below Threshold Level	Above Threshold Level
		3 or less	Over 3	100 or less	Over 100		
A-1	Theaters	—	Yes	—	Yes	—	Yes
A-2	Restaurants, etc.	—	Yes	—	—	—	Yes
A-3	Dance Halls	—	Yes	—	—	—	Yes
A-3	Churches ONLY	—	Yes	—	—	Yes	Yes
A-4	Indoor Arenas, etc.	—	Yes	—	—	—	Yes
A-5	Grandstands, etc.	—	Yes	—	—	—	Yes
B	Business	—	Yes	—	—	—	Yes
E	School & Day Care Centers	Yes	Yes	Yes	Yes	Yes	Yes
F	Factory & Industry	—	Yes	—	—	—	Yes
H	High Hazard	Yes	Yes	Yes	Yes	Yes	Yes
I	Institutional, general	Yes	Yes	Yes	Yes	Yes	Yes
I	Day Nurseries & Clinics without life support systems	—	Yes	—	—	—	Yes
M	Mercantile	—	Yes	—	—	—	Yes
R	Residential	—	Yes	—	—	—	Yes
S	Storage (Farm)	—	—	—	—	—	—
	Storage (Non-Farm)	—	Yes	—	—	—	Yes
U	Miscellaneous	—	Yes	—	—	—	Yes

Notes:

a. The "Threshold Level" is defined in the law as "Plumbing and mechanical systems using packaged mechanical equipment, such as equipment of cataloged standard design which has been coordinated and tested by the manufacturer, which comply with all applicable codes. These mechanical systems shall not exceed gauge pressures of 125 psi/860 kPa, other than refrigeration, or temperatures other than flue gas of 300°F/150°C...."
b. A local building official may require an A/E seal for plumbing and mechanical systems even if not required to do so by this chart.
c. The law requires that, where an A/E seal is not present, the plans must be signed by the individual (not company) responsible for the design, including his/her occupation and address.
d. The above chart applies to both new construction and to additions or remodeling.
e. The exemptions for plumbers, HVAC workers, and mechanical contractors are applicable only when both design and installation are under his/her direction or control.

SIFC-304 STATEMENT OF SPECIAL INSPECTIONS (SSI)

SIFC-304.1 Content. The SSI shall identify the scope of the special inspections services applicable to the project and shall include the names of the **RDP**s, including the **SIER** and **GER**, and the inspection and testing agencies providing those services. The **SIER** and the inspection and testing agencies are subject to **FCCSS** approval on behalf of the building official.

SIFC-304.2 Submittal, review and approval. The SSI shall be incorporated into the construction documents (see SIFC-301.1 and VUSBC-1704.1.1) and shall be submitted by the permit applicant to the **BPRD**. The **BPRD** shall review and approve the SSI prior to scheduling the **FCCSS** preconstruction meeting (see Chapter 4). **FCCSS** shall also review and approve the SSI during the **FCCSS** preconstruction meeting. Both County approvals are required prior to issuance of a building permit.

For projects with multiple buildings, a listing of the special inspections project buildings with street addresses, plan Q-number(s) and building permit numbers shall be attached to the SSI. The listing can be used by the **SIER** or **GER** during conduct of special inspections on a given day by suitably annotating the listing to identify the particular building then attaching it to the inspection report.

SIFC-304.3 SSI Form. A blank SSI Form is provided on the following four pages. Page one of the form, to be prepared by the **Owner,** identifies the project and the **RDP**s of record for the project. Pages two and three of the form, to be prepared by the appropriate **RDP**s of record **(AR, GER, SER),** specify the scope of special inspections services; blank spaces are also provided for entry of completion dates as special inspection services are performed. Page four of the form is a final report of special inspections, to be prepared by the **SIER**, for use after all special inspections services are completed.

FAIRFAX COUNTY, VIRGINIA
SPECIAL INSPECTIONS PROGRAM
Statement of Special Inspections

Q-Number: _____ **Permit Number:** _____

PROJECT: _____ **VUSBC Edition:** _____

Address: _____ **Group:** _____

_____ **Construction Type:** _____

Building Owner: _____
Name *Company*

Owner's Address: _____

Architect of Record: _____
Name & License *Company*

Structural Engineer of Record: _____
Name & License *Company*

Geotechnical Engineer of Record: _____
Name & License *Company*

Special Inspections Engineer of Record: _____
Name & License *Company*

General Contractor: _____
Name & License *Company*

This Statement of Special Inspections is submitted as a condition for permit issuance in accordance with the Virginia Uniform Statewide Building Code. It includes a schedule of special inspections applicable to this project.

The Special Inspections Engineer of Record shall keep records of specified special inspections and testing and shall furnish copies of inspection and testing reports to the Fairfax County Critical Structures Section and to the appropriate registered design professionals of record. Discrepancies from the approved plans and specifications and code violations observed during the conduct of special inspections services shall be brought to the immediate attention of the contractor for correction, to the attention of the Fairfax County Critical Structures Section, and to the appropriate registered design professionals of record. A final report of special inspections documenting completion of specified special inspections and correction of any discrepancies and observed code violations noted in the inspection and testing reports shall be submitted to and approved by the Fairfax County Critical Structures Section prior to the final building inspection approval by County staff.

Prepared by:

_____ _____
(Type or print) Name *Signature & Date*

Reviewed by Registered Design Professional of Record: _____
Signature & Date

Building Owner's Authorization: _____
Signature & Date

Building Official's Acceptance:

_____
Building Plan Review Division *Signature & Date*

_____
Critical Structures Section *Signature & Date*

Page 2 Of 4 **SCHEDULE OF FAIRFAX COUNTY SPECIAL INSPECTIONS** Date:
PROJECT: Prepared By:

ACTIVITY	Y/N	SCOPE OF SERVICE	AGENT *	DATE COMPLETED
STEEL CONSTRUCTION				
Inspection of Steel Fabricators				
Material Receiving				
Erection				
a. Installation of HS Bolts				
b. Welding				
c. Details				
CONCRETE CONSTRUCTION				
Materials				
Installation of Reinforcing and Prestressing Steel				
Formwork				
Concreting Operations				
Inspection During Prestressing				
Manufacture of Precast Concrete				
Erection of Precast Concrete				

Page 3 Of 4 **SCHEDULE OF FAIRFAX COUNTY SPECIAL INSPECTIONS** Date:
PROJECT: Prepared By:

ACTIVITY	Y/N	SCOPE OF SERVICE	AGENT *	DATE COMPLETED
MASONRY CONSTRUCTION				
WOOD CONSTRUCTION				
PREPARED FILL				
Site Preparation				
During Fill Placement				
Evaluation of In-Place Density				
PILE FOUNDATIONS				
PIER FOUNDATIONS				
EXTERIOR INSULATION AND FINISH SYSTEMS				
SPRAYED FIRE-RESISTANT MATERIALS				
SMOKE CONTROL SYSTEMS				
MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS				
OTHER				

* INSPECTION AGENTS Name, Company, Address

1. Special Inspections Engineer of Record: _____

2. Inspection and Testing Agency: _____

3. Inspection and Testing Agency: _____

FAIRFAX COUNTY, VIRGINIA
SPECIAL INSPECTIONS PROGRAM
Final Report of Special Inspections

Q-Number: _____ **Permit Number:** _____

PROJECT: _____

Address: _____

_____

Special Inspections Engineer of Record: _____

Inspection reports numbered _____ to _____, and test reports numbered _____ to _____, all submitted prior to this final report, form a basis for, and are to be considered an integral part of, this final report.

The special inspections specified for this project and itemized in the County-approved Statement of Special Inspections have been completed pursuant to the Fairfax County Special Inspection Program requirements. The building elements subject to special inspections have been found to be in compliance with County-approved documents and in conformance with project specifications. Violations of the Virginia Uniform Statewide Building Code observed in the conduct of special inspections services were brought to the attention of the appropriate registered design professional of record, the County, and the owner for resolution and the resolution was approved by the County.

Submitted by Special Inspections Engineer of Record:

_____
Signature & Date

_____
(Type or print) Name

Special Inspections
Engineer of Record
P.E. Seal

Reviewed by Registered Design Professional of Record:

_____
Signature & Date

_____
(Type or print) Name

Accepted by Building Official:

_____
Signature & Date Critical Structures Section

_____
(Type or print) Name